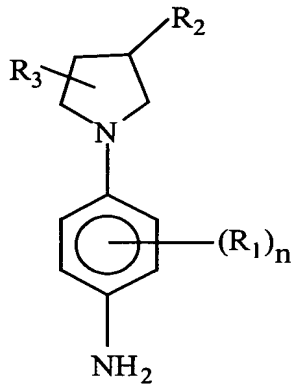
WHAT IS CLAIMED IS:

1. A composition for dyeing keratin fibres, comprising, in an appropriate dyeing medium, at least one cationic tertiary paraphenylenediamine containing a pyrrolidine ring, and at least one carbohydrate selected from monosaccharides, disaccharides and mixtures thereof.

2. The composition of claim 1, wherein the cationic tertiary para-phenylenediamine comprises formula I:



(I)

in which:

n varies from 0 to 4, it being understood that if n is greater than or equal to 2, the radicals R_1 can be identical or different;

R_1 is a halogen atom; a saturated or unsaturated, aliphatic or alicyclic C_1-C_6 hydrocarbon chain, it being possible for the chain to contain one or more oxygen, nitrogen, silicon or sulphur atoms or an SO_2 group and to be substituted by one or more hydroxyl or amino radicals; or an onium radical Z, the radical R_1 containing neither a peroxide linkage nor diazo, nitro or nitroso radicals;

R_2 is an onium radical Z or a radical -X-C=NR_8-NR_9R_{10}, in which X is an oxygen atom or a radical -NR_{11}, and R_8, R_9, R_{10} and R_{11} are a hydrogen atom, a C_1-C_4 alkyl radical or a C_1-C_4 hydroxyalkyl radical; and

R_3 is a hydrogen atom or a hydroxyl radical.

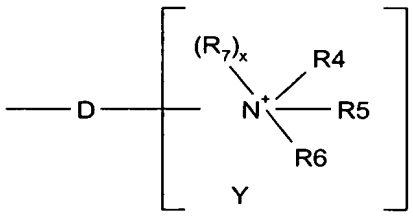
3. The composition of claim 2, wherein the cationic tertiary para-phenylenediamine is such that n is equal to 0.

4. The composition of claim 2, wherein the cationic tertiary para-phenylenediamine is such that n is equal to 1 and R_1 is selected from the group comprising a halogen atom and a saturated or unsaturated, aliphatic or alicyclic C_1-C_6 hydrocarbon chain, it being possible for one or more carbon atoms to be replaced by an oxygen, nitrogen, silicon or sulphur atom or by an SO_2 group, the radical R_1 containing neither a peroxide linkage nor diazo, nitro or nitroso radicals.

5. The composition of claim 2, wherein the cationic tertiary paraphenylenediamine is such that R_1 is selected from chlorine, bromine and C_1-C_4 alkyl, C_1-C_4 hydroxyalkyl, C_1-C_4 aminoalkyl, C_1-C_4 alkoxy and C_1-C_4 hydroxyalkoxy radicals.

6. The composition of claim 5, wherein the cationic tertiary para-phenylenediamine is such that R_1 is selected from methyl, hydroxymethyl, 2-hydroxyethyl, 1,2-dihydroxyethyl, methoxy, isopropoxy and 2-hydroxyethoxy radicals.

7. The composition of claim 2, wherein the cationic tertiary paraphenylenediamine is such that R_2 is the onium radical Z of formula (II):



(II)

in which:

D is a single bond or a linear or branched C_1-C_{14} alkylene chain capable of containing one or more heteroatoms selected from oxygen, sulphur and nitrogen, capable of being substituted by one or more hydroxyl, C_1-C_6 alkoxy or amino radicals and capable of carrying one or more ketone groups;

R_4, R_5 and R_6, taken separately, are a C_1-C_{15} alkyl radical; a C_1-C_6 monohydroxyalkyl radical; a C_2-C_6 polyhydroxyalkyl radical; a C_1-C_6 alkoxy(C_1-C_6)alkyl radical; an aryl radical; a benzyl radical; a C_1-C_6 amidoalkyl radical; a C_1-C_6 trialkyl(C_1-C_6)silanalkyl radical; a C_1-C_6 aminoalkyl radical; or a C_1-C_6 aminoalkyl radical in which the amine is monosubstituted or disubstituted by a C_1-C_4 alkyl, alkyl(C_1-C_6)carbonyl, amido or alkyl(C_1-C_6)sulphonyl radical; or

R_4, R_5 and R_6, taken together in pairs, form, with the nitrogen atom to which they are attached, a 4-, 5-, 6- or 7-membered saturated carbon-containing ring capable of containing one or more heteroatoms, it being possible for the cationic ring to be substituted by a halogen atom, a hydroxyl radical, a C_1-C_6 alkyl radical, a C_1-C_6 monohydroxyalkyl radical, a C_2-C_6 polyhydroxyalkyl radical, a C_1-C_6 alkoxy radical, a C_1-C_6 trialkyl(C_1-C_6)silanalkyl radical, an amido radical, a carboxyl radical, an alkyl(C_1-C_6)carbonyl radical, a thio radical (-SH), a C_1-C_6 thioalkyl radical (-R-SH), an alkyl(C_1-C_6)thio radical, an amino radical or an amino radical monosubstituted or disubstituted by an alkyl(C_1-C_6), alkyl(C_1-C_6)carbonyl, amido or alkyl(C_1-C_6)sulphonyl radical;

R_7 is a C_1-C_6 alkyl radical; a C_1-C_6 monohydroxyalkyl radical; a C_2-C_6 polyhydroxyalkyl radical; an aryl radical; a benzyl radical; a C_1-C_6 aminoalkyl radical; a C_1-C_6 aminoalkyl radical in which the amine is monosubstituted or disubstituted by an alkyl(C_1-C_6), alkyl(C_1-C_6)carbonyl, amido or alkyl(C_1-C_6)sulphonyl radical; a C_1-C_6 carboxyalkyl radical; a C_1-C_6 carbamylalkyl radical; a C_1-C_6 trifluoroalkyl radical; a C_1-C_6 trialkyl(C_1-C_6)silanalkyl radical; a C_1-C_6 sulphonamidoalkyl radical; a C_1-C_6 alkyl(C_1-C_6)carboxyalkyl radical; a C_1-C_6 alkyl(C_1-C_6)sulphinylalkyl radical; a C_1-C_6 alkyl(C_1-C_6)sulphonylalkyl radical; a C_1-C_6 alkyl(C_1-C_6)carbonylalkyl radical; a C_1-C_6 N-alkyl(C_1-C_6)carbamylalkyl radical; or a C_1-C_6 N-alkyl(C_1-C_6)sulphonamidoalkyl radical;

x is 0 or 1:

if x = 0, the linking arm is attached to the nitrogen atom carrying the radicals R_4 to R_6;

if x = 1, two of the radicals R_4 to R_6 form a 4-, 5-, 6- or 7-membered saturated ring together with the nitrogen atom to which they are attached, and D is bonded to a carbon atom of the saturated ring; and

Y is a counterion.

8. The composition of claim 7, wherein the cationic tertiary para-phenylenediamine is such that R_2 has formula II in which x is equal to 0 and R_4, R_5 and R_6, taken separately, are preferably selected from a C_1-C_6 alkyl radical; a C_1-C_4 monohydroxyalkyl radical; a C_2-C_4 polyhydroxyalkyl radical; a C_1-C_4 alkoxy-(C_1-C_6)alkyl radical; a C_1-C_6 amidoalkyl radical; and a C_1-C_6 trialkyl(C_1-C_6)silanalkyl radical, or R_4 and R_5 together form an azetidine, pyrrolidine, piperidine, piperazine or morpholine ring, R_6 being selected in this case from a C_1-C_6 alkyl radical; a C_1-C_6 monohydroxyalkyl radical; a C_2-C_6 polyhydroxyalkyl radical; a C_1-C_6 aminoalkyl radical; an aminoalkyl radical monosubstituted or disubstituted by an alkyl(C_1-C_6), alkyl(C_1-C_6)carbonyl, amido or alkyl(C_1-C_6)sulphonyl radical; a C_1-C_6 carbamylalkyl radical; a C_1-C_6 trialkyl(C_1-C_6)silanalkyl radical; a C_1-C_6 alkyl(C_1-C_6)carboxyalkyl radical; a C_1-C_6 alkyl(C_1-C_6)carbonylalkyl radical; and a C_1-C_6 N-alkyl(C_1-C_6)carbamylalkyl radical.

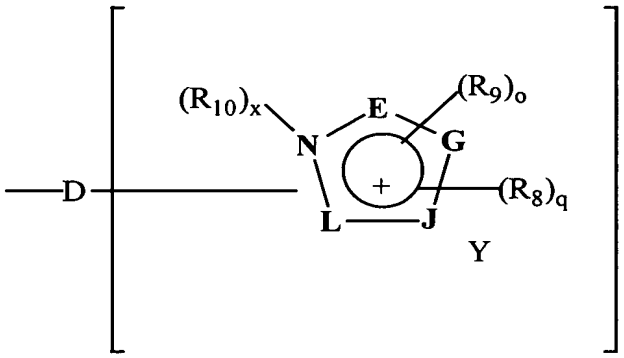
9. The composition of claim 7, wherein the cationic tertiary para-phenylenediamine is such that R_2 has formula II in which x is equal to 1 and R_7 is selected from a C_1-C_6 alkyl radical; a C_1-C_6 monohydroxyalkyl radical; a C_2-C_6 polyhydroxyalkyl radical; a C_1-C_6 aminoalkyl radical; a C_1-C_6 aminoalkyl radical in which the amine is monosubstituted or disubstituted by an alkyl(C_1-C_6), alkyl(C_1-C_6)carbonyl, amido or alkyl(C_1-C_6)sulphonyl radical; a C_1-C_6 carbamylalkyl radical; a C_1-C_6 trialkyl(C_1-C_6)silanalkyl radical; a C_1-C_6 alkyl(C_1-C_6)carboxyalkyl radical; a C_1-C_6 alkyl(C_1-C_6)carbonylalkyl radical; and a C_1-C_6 N-alkyl(C_1-C_6)carbamylalkyl radical; and R_4 and R_5 together form an azetidine, pyrrolidine, piperidine, piperazine or morpholine ring, R_6 being selected in this case from a C_1-C_6 alkyl radical; a C_1-C_6 monohydroxyalkyl radical; a C_2-C_6 polyhydroxyalkyl radical; a C_1-C_6 aminoalkyl radical; a C_1-C_6 aminoalkyl radical in which the amine is monosubstituted or disubstituted by an alkyl(C_1-C_6), alkyl(C_1-C_6)carbonyl, amido or alkyl(C_1-C_6)sulphonyl radical; a C_1-C_6 carbamylalkyl radical; a C_1-C_6 trialkyl-(C_1-C_6)silanalkyl radical; a C_1-C_6 alkyl(C_1-C_6)carboxyalkyl radical; a C_1-C_6 alkyl(C_1-

C_6)carbonylalkyl radical; and a C_1-C_6 N-alkyl(C_1-C_6)carbamylalkyl radical.

10. The composition of claim 2, wherein the cationic tertiary paraphenylenediamine is such that D is a single bond or an alkylene chain capable of being substituted.

11. The composition of claim 7, wherein the cationic tertiary paraphenylenediamine is such that R_2 is a trialkylammonium radical.

12. The composition of claims 2, wherein the cationic tertiary paraphenylenediamine is such that R_2 is the onium radical Z of formula III:



(III)

in which:

D is a single bond or a linear or branched C_1-C_{14} alkylene chain capable of containing one or more heteroatoms selected from oxygen, sulphur and nitrogen, capable of being substituted by one or more hydroxyl, C_1-C_6 alkoxy or amino radicals and capable of carrying one or more ketone functional groups;

the vertices E, G, J and L, which are identical or different, are a carbon, oxygen, sulphur or nitrogen atom so as to form a pyrrole, pyrazole, imidazole, triazole, oxazole, isooxazole, thiazole or isothiazole ring;

q is an integer between 0 and 4 inclusive;

o is an integer between 0 and 3 inclusive;

q+o is an integer between 0 and 4;

the radicals R_8, which are identical or different, are a halogen atom; a hydroxyl radical; a C_1-C_6 alkyl radical; a C_1-C_6 monohydroxyalkyl radical; a C_2-C_6 polyhydroxyalkyl radical; a C_1-C_6 alkoxy radical; a C_1-C_6 trialkyl(C_1-C_6)silanalkyl radical; an amido radical; a carboxyl radical; a C_1-C_6 alkylcarbonyl radical; a thio radical; a C_1-C_6 thioalkyl radical; an alkyl(C_1-C_6)thio radical; an amino radical; an amino radical monosubstituted or disubstituted by an alkyl(C_1-C_6), alkyl(C_1-C_6)-carbonyl, amido or alkyl(C_1-C_6)sulphonyl radical; a C_1-C_6 monohydroxyalkyl radical; or a C_2-C_6 polyhydroxyalkyl radical, it being understood that the radicals R_8 are carried by a carbon atom;

the radicals R_9, which are identical or different, are a C_1-C_6 alkyl radical; a C_1-C_6 monohydroxyalkyl radical; a C_2-C_6 polyhydroxyalkyl radical; a C_1-C_6 trialkyl(C_1-C_6)silanalkyl radical; a C_1-C_6 alkoxy(C_1-C_6)alkyl radical; a C_1-C_6 carbamylalkyl radical; a C_1-C_6 alkyl(C_1-C_6)carboxyalkyl radical; or a benzyl radical, it being understood that the radicals R_9 are carried by a nitrogen;

R_{10} is a C_1-C_6 alkyl radical; a C_1-C_6 monohydroxyalkyl radical; a C_2-C_6 polyhydroxyalkyl radical; an aryl radical; a benzyl radical; a C_1-C_6 aminoalkyl radical; a C_1-C_6 aminoalkyl radical in which the amine is substituted by an alkyl(C_1-C_6), alkyl(C_1-C_6)carbonyl, amido or alkyl(C_1-C_6)sulphonyl radical; a C_1-C_6 carboxyalkyl radical; a C_1-C_6 carbamylalkyl radical; a C_1-C_6 trifluoroalkyl radical; a C_1-C_6 trialkyl(C_1-C_6)silanalkyl radical; a C_1-C_6 sulphonamidoalkyl radical; a C_1-C_6 alkyl(C_1-C_6)carboxyalkyl radical; a C_1-C_6 alkyl(C_1-C_6)sulphinylalkyl radical; a C_1-C_6 alkyl(C_1-C_6)sulphonylalkyl radical; a C_1-C_6 alkyl(C_1-C_6)carbonylalkyl radical; a C_1-C_6 N-alkyl(C_1-C_6)carbamylalkyl radical; or a C_1-C_6 N-alkyl(C_1-C_6)sulphonamidoalkyl radical;

x is 0 or 1:

if x = 0, the linking arm D is attached to the nitrogen atom;

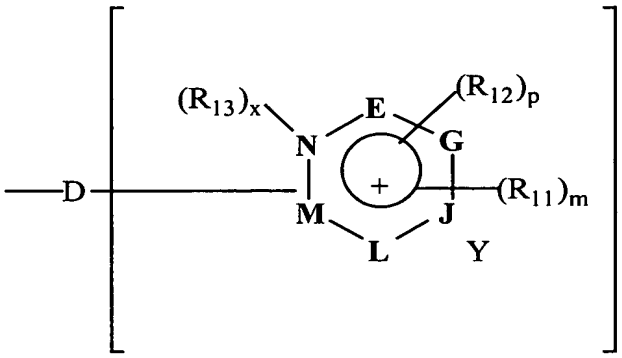
if x = 1, the linking arm D is attached to one of the vertices E, G, J or L; and

Y is a counterion.

13. The composition of claim 12, wherein the cationic tertiary para-phenylenediamine is such that the vertices E, G, J and L form an imidazole ring.

14. The composition of claim 12, wherein the cationic tertiary para-phenylenediamine is such that x is equal to 0 and D is a single bond or an alkylene chain capable of being substituted.

15. The composition of claim 2, in which the cationic tertiary paraphenylenediamine is such that R_2 is an onium radical Z of formula IV:



(IV)

in which:

D is a single bond or a linear or branched C_1-C_{14} alkylene chain capable of containing one or more heteroatoms selected from oxygen, sulphur and nitrogen atoms, capable of being substituted by one or more hydroxyl, C_1-C_6 alkoxy or amino radicals and capable of carrying one or more ketone functional groups;

the vertices E, G, J, L and M, which are identical or different, are a carbon, oxygen, sulphur or nitrogen atom so as to form a ring selected from pyridine, pyrimidine, pyrazine, triazine and pyridazine rings;

p is an integer between 0 and 3 inclusive;

m is an integer between 0 and 5 inclusive;

p+m is an integer between 0 and 5;

the radicals R_{11}, which are identical or different, are a halogen atom; a hydroxyl radical; a C_1-C_6 alkyl radical; a C_1-C_6 monohydroxyalkyl radical; a C_2-C_6 polyhydroxyalkyl radical; a C_1-C_6 alkoxy radical; a C_1-C_6 trialkyl(C_1-C_6)silanalkyl radical; an amido radical; a carboxyl radical; a C_1-C_6 alkylcarbonyl radical; a thio radical; a C_1-C_6 thioalkyl radical; an alkyl(C_1-C_6)thio radical; an amino radical; an amino radical substituted by an alkyl(C_1-C_6), alkyl(C_1-C_6)carbonyl, amido or alkyl(C_1-C_6)sulphonyl radical; a C_1-C_6 monohydroxyalkyl radical; or a C_2-C_6 polyhydroxyalkyl radical, it being understood that the radicals R_{11} are carried by a carbon atom;

the radicals R_{12}, which are identical or different, are a C_1-C_6 alkyl radical; a C_1-C_6 monohydroxyalkyl radical; a C_2-C_6 polyhydroxyalkyl radical; a C_1-C_6 trialkyl(C_1-C_6)silanalkyl radical; a C_1-C_6 alkoxy(C_1-C_6)alkyl radical; a C_1-C_6 carbamylalkyl radical; a C_1-C_6 alkyl(C_1-C_6)carboxyalkyl radical; or a benzyl radical, it being understood that the radicals R_{12} are carried by a nitrogen;

R_{13} is a C_1-C_6 alkyl radical; a C_1-C_6 monohydroxyalkyl radical; a C_2-C_6 polyhydroxyalkyl radical; an aryl radical; a benzyl radical; a C_1-C_6 aminoalkyl radical; a C_1-C_6 aminoalkyl radical in which the amine is monosubstituted or disubstituted by an alkyl(C_1-C_6), alkyl(C_1-C_6)carbonyl, amido or alkyl(C_1-C_6)sulphonyl radical; a C_1-C_6 carboxyalkyl radical; a C_1-C_6 carbamylalkyl radical; a C_1-C_6 trifluoroalkyl radical; a C_1-C_6 trialkyl(C_1-C_6)silanalkyl radical; a C_1-C_6 sulphonamidoalkyl radical; a C_1-C_6 alkyl(C_1-C_6)carboxyalkyl radical; a C_1-C_6 alkyl(C_1-C_6)sulphinylalkyl radical; a C_1-C_6 alkyl(C_1-C_6)sulphonylalkyl radical; a C_1-C_6 alkyl(C_1-C_6)carbonylalkyl radical; a C_1-C_6 N-alkyl(C_1-C_6)carbamylalkyl radical; or a C_1-C_6 N-alkyl(C_1-C_6)sulphonamidoalkyl radical;

x is 0 or 1:

if x = 0, the linking arm D is attached to the nitrogen atom;

if x = 1, the linking arm D is attached to one of the vertices E, G, J, L or M; and

Y is a counterion.

16. The composition of claim 15, wherein the vertices E, G, J, L and M form, with the nitrogen of the ring, a ring selected from pyridine and pyrimidine rings.

17. The composition of claim 15, wherein the cationic tertiary paraphenylenediamine is such that x is equal to 0 and R_{11} is selected from a hydroxyl radical; a C_1-C_6 alkyl radical; a C_1-C_6 monohydroxyalkyl radical; a C_2-C_6 polyhydroxyalkyl radical; a C_1-C_6 alkoxy radical; a C_1-C_6 trialkyl(C_1-C_6)silanalkyl radical; an amido radical; a C_1-C_6 alkylcarbonyl radical; an amino radical; an amino radical monosubstituted or disubstituted by an alkyl(C_1-C_6), alkyl(C_1-C_6)carbonyl, amido or alkyl(C_1-C_6)sulphonyl radical; a C_1-C_6 monohydroxyalkyl radical; and a C_2-C_6 polyhydroxyalkyl radical; and R_{12} is selected from a C_1-C_6 alkyl radical; a C_1-C_6 monohydroxyalkyl radical; a C_2-C_6 polyhydroxyalkyl radical; a C_1-C_6 trialkyl(C_1-C_6)silanalkyl radical; a C_1-C_6 alkoxy(C_1-C_6)alkyl radical; and a C_1-C_6 carbamylalkyl radical.

18. The composition of claim 15, wherein the cationic tertiary paraphenylenediamine is such that x is equal to 1 and R_{13} is selected from a C_1-C_6 alkyl radical; a C_1-C_6 monohydroxyalkyl radical; a C_2-C_6 polyhydroxyalkyl radical; a C_1-C_6 aminoalkyl radical; a C_1-C_6 aminoalkyl radical in which the amine is monosubstituted or disubstituted by an alkyl(C_1-C_6), alkyl(C_1-C_6)carbonyl, amido or alkyl(C_1-C_6)sulphonyl radical; a C_1-C_6 carbamylalkyl radical; a C_1-C_6 trialkyl-(C_1-C_6)silanalkyl radical; a C_1-C_6 alkyl(C_1-C_6)carbonylalkyl radical; and a C_1-C_6 N-alkyl(C_1-C_6)carbamylalkyl radical; R_{11} is selected from a hydroxyl radical; a C_1-C_6 alkyl radical; a C_1-C_6 monohydroxyalkyl radical; a C_2-C_6 polyhydroxyalkyl radical; a C_1-C_6 alkoxy radical; a C_1-C_6 trialkyl(C_1-C_6)silanalkyl radical; an amido radical; a C_1-C_6 alkylcarbonyl radical; an amino radical; and an amino radical monosubstituted or disubstituted by an alkyl(C_1-C_6), alkyl(C_1-C_6)carbonyl, amido or alkyl(C_1-C_6)sulphonyl radical; and R_{12} is selected from a C_1-C_6 alkyl radical; a C_1-C_6 monohydroxyalkyl radical; a C_2-C_6 polyhydroxyalkyl radical; a C_1-C_6 trialkyl-(C_1-C_6)silanalkyl radical; a C_1-C_6 alkoxy(C_1-C_6)alkyl radical; and a C_1-C_6 carbamylalkyl radical.

19. The composition of claim 15, wherein the cationic tertiary

paraphenylenediamine is such that R_{11}, R_{12} and R_{13} are alkyl radicals capable of being substituted.

20. The composition of claim 2, wherein the cationic tertiary paraphenylenediamine is such that the radical R_2 is a radical of the formula $-XP(O)(O-)OCH_2CH_2N^+(CH_3)_3$, where X is an oxygen atom or a radical $-NR_{14}$, R_{14} being a hydrogen, a C_1-C_4 alkyl radical or a hydroxyalkyl radical.

21. The composition of claim 2, wherein the cationic tertiary paraphenylenediamine is such that the radical R_2 is a guanidine radical of formula $-X-C=NR_8-NR_9R_{10}$, where X is an oxygen atom or a radical $-NR_{11}$, R_8, R_9, R_{10} and R_{11} being a hydrogen, a C_1-C_4 alkyl radical or a hydroxyalkyl radical.

22. The composition of claim 1, wherein the cationic tertiary paraphenylenediamine is selected from the group comprising:

[1-(4-aminophenyl)pyrrolidin-3-yl]trimethylammonium; chloride;

[1-(4-aminophenyl)pyrrolidin-3-yl]dimethyltetradecylammonium; bromide;

N'-[1-(4-aminophenyl)pyrrolidin-3-yl]-N,N-dimethyl guanidinium chloride;

N-[1-(4-aminophenyl)pyrrolidin-3-yl] guanidinium chloride;

3-[1-(4-aminophenyl)pyrrolidin-3-yl]-1-methyl-3H-imidazol-1-ium; chloride;

[1-(4-aminophenyl)pyrrolidin-3-yl](2-hydroxyethyl)dimethylammonium; chloride;

[1-(4-aminophenyl)pyrrolidin-3-yl]dimethyl(3-trimethylsilanylpropyl)-ammonium; chloride;

[1-(4-aminophenyl)pyrrolidin-3-yl](trimethylammoniohexyl)dimethyl-ammonium; dichloride;

[1-(4-aminophenyl)pyrrolidin-3-yl]oxophosphorylcholine;

{2-[1-(4-aminophenyl)pyrrolidin-3-yloxy]ethyl}trimethylammonium; chloride;

1-{2-[1-(4-aminophenyl)pyrrolidin-3-yloxy]ethyl}-1-methylpyrrolidinium; chloride;

3-{3-[1-(4-aminophenyl)pyrrolidin-3-yloxy]propyl}-1-methyl-3H-imidazol-1-ium; chloride;

1-{2-[1-(4-aminophenyl)pyrrolidin-3-yloxy]ethyl}-1-methylpiperidinium; chloride;

3-{3-[1-(5-trimethylsilanylethyl-4-amino-3-trimethylsilanylethylphenyl)-pyrrolidin-3-yloxy]propyl}-1-methyl-3H-imidazol-1-ium; chloride;

[1-(4-amino-3-methylphenyl)pyrrolidin-3-yl]trimethylammonium; chloride;

[1-(4-amino-3-methylphenyl)pyrrolidin-3-yl]dimethyltetradecylammonium; chloride;

N'-[1-(4-amino-3-methylphenyl)pyrrolidin-3-yl]-N,N-dimethyl guanidinium chloride;

N-[1-(4-amino-3-methylphenyl)pyrrolidin-3-yl] guanidinium chloride;

3-[1-(4-amino-3-methylphenyl)pyrrolidin-3-yl]-1-methyl-3H-imidazol-1-ium; chloride;

[1-(4-amino-3-methylphenyl)pyrrolidin-3-yl](2-hydroxyethyl)dimethyl-ammonium; chloride;

[1-(4-amino-3-methylphenyl)pyrrolidin-3-yl]dimethyl(3-trimethylsilanyl-propylammonium; chloride;

[1-(4-amino-3-methylphenyl)pyrrolidin-3-yl](trimethylammoniohexyl)-dimethylammonium; dichloride;

[1-(4-amino-3-methylphenyl)pyrrolidin-3-yl]oxophosphorylcholine;

{2-[1-(4-amino-3-methylphenyl)pyrrolidin-3-yloxy]ethyl}trimethyl-ammonium; chloride;

1-{2-[1-(4-amino-3-methylphenyl)pyrrolidin-3-yloxy]ethyl}-1-methyl-pyrrolidinium; chloride;

3-{3-[1-(4-amino-3-methylphenyl)pyrrolidin-3-yloxy]propyl}-1-methyl-3H-imidazol-1-ium; chloride;

1-{2-[1-(4-amino-3-methylphenyl)pyrrolidin-3-yloxy]ethyl}-1-methyl-piperidinium; chloride;

[1-(4-amino-3-trimethylsilanylethylphenyl)pyrrolidin-3-yl]trimethyl-

ammonium; chloride;

3-[1-(4-amino-3-trimethylsilanylethylphenyl)pyrrolidin-3-yl]-1-methyl-3H-imidazol-1-ium; chloride;

3-{3-[1-(4-amino-3-trimethylsilanylethylphenyl)pyrrolidin-3-yloxy]propyl}-1-methyl-3H-imidazol-1-ium; chloride;

[1-(5-trimethylsilanylethyl-4-amino-3-trimethylsilanylethylphenyl)-pyrrolidin-3-yl]trimethylammonium; chloride;

3-[1-(5-trimethylsilanylethyl-4-amino-3-trimethylsilanylethylphenyl)-pyrrolidin-3-yl]-1-methyl-3H-imidazol-1-ium; chloride;

1'-(4-aminophenyl)-1-methyl[1,3']bipyrrolidinyl-1-ium; chloride;

1'-(4-amino-3-methylphenyl)-1-methyl[1,3']bipyrrolidinyl-1-ium; chloride;

3-{[1-(4-aminophenyl)pyrrolidin-3-ylcarbamoyl]methyl}-1-methyl-3H-imidazol-1-ium; chloride;

3-{[1-(4-amino-3-methylphenyl)pyrrolidin-3-ylcarbamoyl]methyl}-1-methyl-3H-imidazol-1-ium; chloride;

3-[1-(4-aminophenyl)pyrrolidin-3-yl]-1-(3-trimethylsilanylpropyl)-3H-imidazol-1-ium; chloride;

3-[1-(4-aminophenyl)pyrrolidin-3-yl]-1-(3-trimethylsilanylpropyl)-3H-imidazol-1-ium; chloride;

[1-(4-aminophenyl)pyrrolidin-3-yl]ethyldimethylammonium; chloride;

[1-(4-aminophenyl)pyrrolidin-3-yl]ethyldimethylammonium; iodide;

[1-(4-aminophenyl)pyrrolidin-3-yl]propyldimethylammonium; iodide;

[1-(4-aminophenyl)pyrrolidin-3-yl]propyldimethylammonium; bromide;

[1-(4-aminophenyl)pyrrolidin-3-yl]propyldimethylammonium; methosulfate;

[1-(4-aminophenyl)pyrrolidin-3-yl]butyldimethylammonium; iodide;

[1-(4-aminophenyl)pyrrolidin-3-yl]pentyldimethylammonium; iodide;

[1-(4-aminophenyl)pyrrolidin-3-yl]hexyldimethylammonium; iodide;

[1-(4-aminophenyl)pyrrolidin-3-yl]heptyldimethylammonium; iodide;

[1-(4-aminophenyl)pyrrolidin-3-yl]octyldimethylammonium; iodide;

[1-(4-aminophenyl)pyrrolidin-3-yl]decyldimethylammonium; iodide;

[1-(4-aminophenyl)pyrrolidin-3-yl]hexadecyldimethylammonium; iodide;

[1-(4-aminophenyl)pyrrolidin-3-yl]hydroxyethyldimethylammonium; chloride; and

[1-(4-aminophenyl)pyrrolidin-3-yl]hydroxyethyldimethylammonium; iodide.

23. The composition of claim 1, wherein the cationic tertiary paraphenylenediamine is selected from the group comprising:

[1-(4-aminophenyl)pyrrolidin-3-yl]trimethylammonium; chloride;

[1-(4-aminophenyl)pyrrolidin-3-yl]dimethyltetradecylammonium; bromide;

N'-[1-(4-aminophenyl)pyrrolidin-3-yl]-N,N-dimethyl guanidinium chloride;

N-[1-(4-aminophenyl)pyrrolidin-3-yl] guanidinium chloride;

3-[1-(4-aminophenyl)pyrrolidin-3-yl]-1-methyl-3H-imidazol-1-ium; chloride;

[1-(4-aminophenyl)pyrrolidin-3-yl](2-hydroxyethyl)dimethylammonium; chloride;

[1-(4-aminophenyl)pyrrolidin-3-yl]dimethyl(3-trimethylsilanylpropyl)-ammonium; chloride;

[1-(4-amino-3-methylphenyl)pyrrolidin-3-yl]trimethylammonium; chloride;

[1-(4-amino-3-methylphenyl)pyrrolidin-3-yl]dimethyltetradecyl-ammonium; chloride;

N'-[1-(4-amino-3-methylphenyl)pyrrolidin-3-yl]-N,N-dimethyl guanidinium chloride;

N-[1-(4-amino-3-methylphenyl)pyrrolidin-3-yl] guanidinium chloride;

3-[1-(4-amino-3-methylphenyl)pyrrolidin-3-yl]-1-methyl-3H-imidazol-1-ium; chloride;

[1-(4-amino-3-methylphenyl)pyrrolidin-3-yl](2-hydroxyethyl)dimethyl-ammonium; chloride;

[1-(4-amino-3-methylphenyl)pyrrolidin-3-yl]dimethyl(3-trimethylsilanyl-propylammonium; chloride;

1'-(4-aminophenyl)-1-methyl[1,3']bipyrrolidinyl-1-ium; chloride;

1'-(4-amino-3-methylphenyl)-1-methyl[1,3']bipyrrolidinyl-1-ium; chloride;

3-{[1-(4-aminophenyl)pyrrolidin-3-ylcarbamoyl]methyl}-1-methyl-3H-imidazol-1-ium; chloride;

3-{[1-(4-amino-3-methylphenyl)pyrrolidin-3-ylcarbamoyl]methyl}-1-methyl-3H-imidazol-1-ium; chloride;

3-[1-(4-aminophenyl)pyrrolidin-3-yl]-1-(3-trimethylsilanylpropyl)-3H-imidazol-1-ium; chloride;

3-[1-(4-amino-3-methylphenyl)pyrrolidin-3-yl]-1-(3-trimethylsilanyl-propyl)-3H-imidazol-1-ium; chloride;

[1-(4-aminophenyl)pyrrolidin-3-yl]ethyldimethylammonium; chloride;

[1-(4-aminophenyl)pyrrolidin-3-yl]ethyldimethylammonium; iodide;

[1-(4-aminophenyl)pyrrolidin-3-yl]propyldimethylammonium; iodide;

[1-(4-aminophenyl)pyrrolidin-3-yl]propyldimethylammonium; bromide;

[1-(4-aminophenyl)pyrrolidin-3-yl]propyldimethylammonium; methosulfate;

[1-(4-aminophenyl)pyrrolidin-3-yl]butyldimethylammonium; iodide;

[1-(4-aminophenyl)pyrrolidin-3-yl]pentyldimethylammonium; iodide;

[1-(4-aminophenyl)pyrrolidin-3-yl]hexyldimethylammonium; iodide;

[1-(4-aminophenyl)pyrrolidine-3-yl]heptyldimethylammonium; iodide;

[1-(4-aminophenyl)pyrrolidin-3-yl]octyldimethylammonium; iodide;

[1-(4-aminophenyl)pyrrolidin-3-yl]decyldimethylammonium; iodide;

[1-(4-aminophenyl)pyrrolidin-3-yl]hexadecyldimethylammonium; iodide;

[1-(4-aminophenyl)pyrrolidin-3-yl]hydroxyethyldimethylammonium; chloride; and

[1-(4-aminophenyl)pyrrolidin-3-yl]hydroxyethyldimethylammonium; iodide.

24. The composition of claim 1, wherein the cationic tertiary paraphenylenediamine is selected from the group comprising:

[1-(4-aminophenyl)pyrrolidin-3-yl]trimethylammonium; chloride;

[1-(4-aminophenyl)pyrrolidin-3-yl]dimethyltetradecylammonium; bromide;

N'-[1-(4-aminophenyl)pyrrolidin-3-yl]-N,N-dimethyl guanidinium chloride;

N-[1-(4-aminophenyl)pyrrolidin-3-yl] guanidinium chloride;

3-[1-(4-aminophenyl)pyrrolidin-3-yl]-1-methyl-3H-imidazol-1-ium; chloride;

[1-(4-aminophenyl)pyrrolidin-3-yl](2-hydroxyethyl)dimethylammonium; chloride;

[1-(4-aminophenyl)pyrrolidin-3-yl]dimethyl(3-trimethylsilanylpropyl)-ammonium; chloride;

[1-(4-aminophenyl)pyrrolidin-3-yl](trimethylammoniohexyl)dimethyl-ammonium; dichloride;

1'-(4-aminophenyl)-1-methyl[1,3']bipyrrolidinyl-1-ium; chloride;

3-[1-(4-aminophenyl)pyrrolidin-3-yl]-1-(3-trimethylsilanylpropyl)-3H-imidazol-1-ium; chloride;

3-[1-(4-amino-3-methylphenyl)pyrrolidin-3-yl]-1-(3-trimethylsilanyl-propyl)-3H-imidazol-1-ium; chloride;

[1-(4-aminophenyl)pyrrolidin-3-yl]ethyldimethylammonium; chloride;

[1-(4-aminophenyl)pyrrolidin-3-yl]ethyldimethylammonium; iodide;

[1-(4-aminophenyl)pyrrolidin-3-yl]propyldimethylammonium; iodide;

[1-(4-aminophenyl)pyrrolidin-3-yl]propyldimethylammonium; bromide;

[1-(4-aminophenyl)pyrrolidin-3-yl]propyldimethylammonium; methosulphate;

[1-(4-aminophenyl)pyrrolidin-3-yl]butyldimethylammonium; iodide;

[1-(4-aminophenyl)pyrrolidin-3-yl]pentyldimethylammonium; iodide;

[1-(4-aminophenyl)pyrrolidin-3-yl]hexyldimethylammonium; iodide;

[1-(4-aminophenyl)pyrrolidin-3-yl]heptyldimethylammonium; iodide;

[1-(4-aminophenyl)pyrrolidin-3-yl]octyldimethylammonium; iodide;

[1-(4-aminophenyl)pyrrolidin-3-yl]decyldimethylammonium; iodide;

[1-(4-aminophenyl)pyrrolidin-3-yl]hexadecyldimethylammonium; iodide;

[1-(4-aminophenyl)pyrrolidin-3-yl]hydroxyethyldimethylammonium; chloride; and

[1-(4-aminophenyl)pyrrolidin-3-yl]hydroxyethyldimethylammonium; iodide.

25. The composition of claim 1, wherein the cationic tertiary paraphenylenediamine is selected from the group comprising:

[1-(4-aminophenyl)pyrrolidin-3-yl]trimethylammonium; chloride;

3-[1-(4-aminophenyl)pyrrolidin-3-yl]-1-methyl-3H-imidazol-1-ium; chloride;

[1-(4-aminophenyl)pyrrolidin-3-yl](2-hydroxyethyl)dimethylammonium; chloride; and

1'-(4-aminophenyl)-1-methyl[1,3']bipyrrolidinyl-1-ium; chloride.

26. The composition of claim 1, wherein the cationic tertiary paraphenylenediamine is selected from the group comprising:

[1-(4-aminophenyl)pyrrolidin-3-yl]trimethylammonium; chloride; and

[1-(4-aminophenyl)pyrrolidin-3-yl](2-hydroxyethyl)dimethylammonium; chloride.

27. The composition of claim 1, wherein the monosaccharide is selected from aldoses and ketoses.

28. The composition of claim 27, wherein the monosaccharide is selected from tetroses, pentoses, hexoses and heptoses.

29. The composition of claim 28, wherein the hexoses and heptoses are selected from furanoses and pyranoses.

30. The composition of claim 27, wherein the monosaccharides are selected from erythrose, threose, ribose, arabinose, xylose, lyxose, allose, altrose, glucose, mannose, gulose, idose, galactose and talose.

31. The composition of claim 27, wherein the monosaccharide is selected from α-D-glucopyranose and β-D-glucopyranose.

32. The composition of claim 27, wherein the monosaccharides are selected from erythrulose, ribulose, xylulose, psicose, fructose, sorbose and tagatose.

33. The composition of claim 1, wherein the disaccharide contains 10, 11 or 12 carbon atoms.

34. The composition of claim 33, wherein the disaccharide is selected from sucrose, lactose and maltose.

35. The composition of claim 1, wherein the cationic tertiary paraphenylenediamine(s) with a pyrrolidine ring represent from 0.001 to 10% and preferably from 0.005 to 6% by weight, based on the total weight of the composition.

36. The composition of claim 1, wherein the monosaccharide(s) and/or disaccharide(s) represent from 0.01 to 20% and preferably from 0.05 to 5% by weight, based on the total weight of the composition.

37. The composition of claim 1, wherein the composition further comprises at least one cationic polymer.

38. The composition of claim 1, wherein the composition further comprises at least one thickening polymer.

39. The composition of claim 1, wherein the composition further comprises at least one surfactant selected from the group comprising anionic surfactants, amphoteric or zwitterionic surfactants, non-ionic surfactants and cationic surfactants.

40. The composition of claim 1, wherein the composition further comprises at least one additional oxidation base other than the cationic tertiary paraphenylene-diamines with a pyrrolidine ring, selected from paraphenylenediamines, bis-phenylalkylenediamines, paraaminophenols, orthoaminophenols, heterocyclic bases and their addition salts.

41. The composition of claim 40, wherein the additional oxidation base(s) are present in an amount of between 0.001 and 20% by weight and preferably of between 0.005 and 6% by weight, based on the total weight of the composition.

42. The composition of claim 1, wherein the composition further comprises at least one coupler selected from metaphenylenediamines, metaaminophenols, metadiphenols, naphthalene couplers, heterocyclic couplers and their addition salts.

43. The composition of claim 42, wherein the coupler is selected from 1,3-dihydroxybenzene, 1,3-dihydroxy-2-methylbenzene, 4-chloro-1,3-dihydroxybenzene, 2,4-diamino-1-(ß-hydroxyethoxy)benzene, 2-amino-4-(ß-hydroxyethylamino)-1-methoxybenzene, 1,3-diaminobenzene, 1,3-bis(2,4-diaminophenoxy)propane, 3-ureidoaniline, 3-ureido-1-dimethylaminobenzene, sesamol, 1-ß-hydroxyethylamino-3,4-methylenedioxybenzene, α-naphthol, 2-methyl-1-naphthol, 6-hydroxyindole, 4-hydroxyindole, 4-hydroxy-N-methylindole, 2-amino-3-hydroxypyridine, 6-hydroxybenzomorpholine, 3,5-diamino-2,6-dimethoxypyridine, 1-N-(ß-hydroxyethyl)amino-3,4-methylenedioxybenzene, 2,6-bis(ß-hydroxyethylamino)-toluene and their addition salts.

44. The composition of claim 42, wherein the coupler(s) are present in an amount of between 0.001 and 20% and preferably of between 0.005 and 6% by weight, based on the total weight of the composition.

45. The composition of claim 1, wherein the composition further comprises at least one direct dyestuff.

46. The composition of claim 1, wherein the composition further comprises at least one hydroxylated solvent such as ethanol, propylene glycol, glycerol or a polyol monoether.

47. The composition of claim 1, wherein the composition further comprises an oxidizing agent selected from hydrogen peroxide, urea peroxide, alkali metal bromates, per-salts, per-acids and oxidase enzymes, hydrogen peroxide being preferred.

48. A process for the oxidation dyeing of keratin fibres, wherein a dyeing composition as defined in claim 1 is applied to the fibres in the presence of an oxidizing agent.

49. A multicompartment device, wherein a first compartment comprises a composition for dyeing keratin fibres, as defined in claim 1, and a second compartment contains an oxidizing agent.